



DOCKET NO.: 4685

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
IN THE MATTER OF THE APPLICATION FOR PATENT

OF: Shinsuke FUJIWARA et al. | ART UNIT: 2811
SERIAL NO.: 10/829,306 | CONF. NO.: 5680
FILED: April 20, 2004 | EXAMINER: A. O. ARENA
FOR: GROUP II-VI LIGHT EMITTING DEVICE HAVING I-TYPE BARRIER
LAYER DIRECTLY BETWEEN ACTIVE LAYER AND P-TYPE CLADDING
LAYER

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

May 14, 2007

INFORMATION DISCLOSURE STATEMENT WITH CERTIFICATE OF MAILING

Dear Sir:

- 1) Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98 applicants enclose a Fifth Form PTO-1449, copies of references AX to AH2 cited thereon, English Abstracts as indicated on Form PTO-1449, and copies as well as English translations of two Japanese Office Actions issued on April 3, 2007 in two counterpart Japanese applications.
- 2) In accordance with 37 C.F.R. 1.97(d), this IDS is being filed before payment of the issue fee, includes the required statement under 37 C.F.R. 1.97(e)(1) (see next paragraph), and is accompanied by a Credit Card Payment Form (PTO-2038) to cover the required fee of \$180.00.

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- 3) The undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 4) References AV to AX are in English. References AY to AH2 are accompanied by English Abstracts. Reference AY corresponds to AX, AA2 corresponds to AV, and AD2 corresponds to AW, from which the relevance can be determined in English. Therefore no further discussion of the references is necessary.
- 5) Moreover, the enclosed English translations of the Japanese Office Actions show why the Japanese Examiner found references AY to AH2 to be relevant to the counterpart Japanese patent applications. The Japanese Examiner's statements are not ratified as accurate or adopted by applicant, but they are submitted for the US Examiner's consideration as to the possible relevance of the references. The additional references cited in the Japanese Office Actions have already been submitted in our Information Disclosure Statements dated November 7, 2005 and January 9, 2007.
- 6) The Examiner is requested to consider all references of record, return an initialed copy of the enclosed Form PTO-1449, and ensure that all references of record are printed on any patent issuing from this application.

- 7) A Response to the Final Office Action of April 23, 2007 will be filed in due course.

Respectfully submitted,
Shinsuke FUJIWARA et al.
Applicant

WFF:ks/4685
Enclosures: postcard,
Form PTO-2038,
Fifth Form PTO-1449,
11 references,
10 English abstracts,
copies and Engl. translations
of 2 Japanese Office Actions

By Walter F. Fasse
Walter F. Fasse
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CERTIFICATE OF MAILING:

I hereby certify that this correspondence with all indicated enclosures is being deposited with the U. S. Postal Service with sufficient postage as first-class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Karin Smith - May 14, 2007
Name: Karin Smith - Date: May 14, 2007

Sheet 1 of 1
FIFTH IDS LIST OF REFERENCES
CITED BY APPLICANT
(FORM PTO-1449)
DATED: May 14, 2007

Atty. Docket No.:
4685

Serial No.:
10/829,306

Inventor(s): Shinsuke FUJIWARA et al.

U.S. Filing Date:
April 20, 2004

Art Unit:
2811



U. S. PATENT DOCUMENTS

| **EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | Cl. | Sub- Cl. | File Date |
|-----------------------|----|--------------|---------|----------------|-----|-------------|--------------|
| | AV | 5,362,974 | 11/1994 | Irikawa et al. | - | - | - |
| | AW | 5,519,722 | 05/1996 | Iwata | - | - | - |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | Cl. | Sub- Cl. | English |
|--|-----|--------------|---------|---------|-----|-------------|-------------------|
| | AX | 0 502 442 | 09/1992 | Europe | - | - | yes |
| | AY | 04-273491 | 09/1992 | Japan | - | - | Abstract, = AX |
| | AZ | 06-097572 | 04/1994 | Japan | - | - | Abstract |
| | AA2 | 06-244509 | 09/1994 | Japan | - | - | Abstract, = AV |
| | AB2 | 07-022712 | 01/1995 | Japan | - | - | Abstract |
| | AC2 | 07-066494 | 03/1995 | Japan | - | - | Abstract |
| | AD2 | 07-202312 | 08/1995 | Japan | - | - | Abstract, = AW |
| | AE2 | 08-018161 | 01/1996 | Japan | - | - | Abstract |
| | AF2 | 08-064898 | 03/1996 | Japan | - | - | Abstract |
| | AG2 | 08-162481 | 06/1996 | Japan | - | - | Abstract |
| | AH2 | 10-083999 | 03/1998 | Japan | - | - | Abstract |

OTHER DOCUMENTS

| | |
|----------------------|-----------------|
| EXAMINER'S SIGNATURE | DATE CONSIDERED |
|----------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.